

LAB Group Work Pet Graphs**Question** How can you organize data?**Procedure**

1. Conduct a class survey. Ask each classmate, "What kinds of pets do you have?" Write down each person's response.
2. Organize the data in a tally chart like the one below. First write down each type of pet. For example, if a classmate has a bird, write *bird* in the chart. Then add a tally mark. Add a tally mark by *bird* each time someone says they have a bird. Do this for each pet.

Materials

- notebook
- pen or pencil
- graph paper

Kinds of Pets	
Dog	
Cat	
Bird	
Fish	

3. Count up the tallies to find the total for each pet.
4. Now make a bar graph of the data. Study the bar graph on page 16 of your textbook. A bar graph has numbers on the side. It has words across the bottom. Make your graph with graph paper. Write numbers along the side of your graph. Write the names of the kinds of pets across the bottom of the graph.
5. Make a bar for each kind of pet. Start at the bottom and fill in one box for each tally mark.
6. Give your graph a title. Write the title at the top of the graph.

Analysis

1. Interpret the data. Which pet is the most popular? Which pet is the least popular?

2. What are some other ways you could show the pet data you collected?
